

Electronic Acknowledgement Receipt

EFS ID:	5634342
Application Number:	10821390
International Application Number:	
Confirmation Number:	1595
Title of Invention:	Spatial processing with steering matrices for pseudo-random transmit steering in a multi-antenna communication system
First Named Inventor/Applicant Name:	Mark S. Wallace
Customer Number:	23696
Filer:	Ross L. Franks/Gina Golia
Filer Authorized By:	Ross L. Franks
Attorney Docket Number:	040319
Receipt Date:	02-JUL-2009
Filing Date:	09-APR-2004
Time Stamp:	13:14:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	10822
Deposit Account	170026
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (5B/08)	040319_2009-07-01_IDS_SIGN ED.pdf	1264577 3489613c6cc0d025e0b881271278677d0343ca	no	5
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
2	Foreign Reference	W004002011.pdf	3803630 803b2b2b640f4677ac145f93e64243d105365f9	no	60
Warnings:					
Information:					
3	Foreign Reference	W003041300.pdf	9833560 7e6dc13061b11aaff1c0ed14d3673cd84ff5d350e	no	151
Warnings:					
Information:					
4	Foreign Reference	JP200423416.pdf	2392170 ba14e930ac78b616620122a214c51556103aaf	no	15
Warnings:					
Information:					
5	Foreign Reference	W004002047.pdf	2315588 014a23f1ad89f12dc63638b6978a84263146fda	no	54
Warnings:					
Information:					
6	Foreign Reference	W003058871.pdf	5376440 87ac6ee9bdcda70882b1d07812791705a4c551	no	103
Warnings:					
Information:					
7	Fee Worksheet (PTO-875)	fee-info.pdf	30111 701f78c90ab601b6c5a2cd768f700653da5ad	no	2
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.